W	rk	\mathbf{O}	rder	ID	63014
* * •	,, ,,	v	ıucı		UJULT

October 18, 2010 8:06:37 AM



Page 1

Item ID: Revision ID:	D4108-7			Accept				S	etup Star	t	
Item Name:	Bracket								Stop	p	
Start Date:	19/10/2010	Start Qty: 2.00			Cust Item I	D:					
Required Date		Req'd Qty: 2.00			Customer:						
Reference:		0.10.18.					_	_	G.	. !!!!!!!!	#### 1 ## ###
Approvals:	Process Pla	m:	Date:	Tooling:	D	ate:		R	un Star		
	QC:		Date:	SPC (Y/N):	D:	ate:			Sto	P	
Sequence ID/ Work Center	ID .	Operation Description		Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Rev	vision Nbr			MATERIAL CE	RTIFICA	TION				
D4108	A				REQ'D UPO	V DELIVE	RV			*	
100		Cut blanks as per folio		0.00						- 1 ,	
Bandsaw		Memo		0.00	10/10/19	•		2)			
Jeaspa Bandsaw	•	•									
							_				
110				0.00							
						•		(2)			
HAAS 1		Memo		0.00				-	***************************************		
HAAS CNC vertica	al machine #1	MILL AS P FOLIO REV DWG REV:	ER DWG AND FOLIO FA ':AA A	977	10/10/19					•	

DEBURR

Revision ID: Item Name: Bracket Start Date: 19/10/2010 Start Qty: 2.00 Required Date: 20/10/2010 Req'd Qty: 2.00 Reference: Approvals: Process Plan: Date: Tooling: Date: Stop QC: Date: SPC (Y/N): Date: Stop Work Center ID Description Run Hours Cust Item ID: Customer: Run Start Stop Stop Tool ID Tool # Plan Accept Reject Reject Insp. Work Center ID Description Run Hours Code Qty Qty Number Stamp		der ID 630 010 8:06:37 AM									Page :
Start Date: 19/10/2010 Start Qty: 2.00 Cust Item ID: Required Date: 20/10/2010 Req'd Qty: 2.00 Customer: Reference: Approvals: Process Plan: Date: Tooling: Date: SPC (Y/N): Date: Stop QC: Date: SPC (Y/N): Date: Stop Work Center ID Description Run Hours Code Qty Qty Number Stamp 120 QC2- Inspect parts off machine FAI/FAIB 0.00 1 1 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2					Accept				Setup		
QC: Date: SPC (Y/N): Date: Stop Stop Sequence ID/	Start Date: Required Dat	19/10/2010	- •				Œ:				
Work Center ID Description Run Hours Code Qty Qty Number Stamp 120 QC2- Inspect parts off machine FAI/FAIB 0.00 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Approvals:		n:		_				Run		
	Work Center	ID	Description	achine FAI/FAIB	Run Hours	1)	Tool #		-	•	Insp. Stamp

0.00

0.00

0.00

0.00

B.A 18/10/20

140

130

Packaging

Quality Control

Quality Control

Packaging

Identify as per dwg & Stock Location:

Memo

Memo

QC8- Inspect parts - second check

Memo

Page 2

Work Order ID 63014

Page 3

October 18, 2010 8:06:37 AM

Required Date: 20/10/2010

Item ID:

D4108-7

Accept



Setup Start



Revision ID:

Start Date:

Item Name:

Bracket

19/10/2010

Start Qty: 2.00 Req'd Qty: 2.00

Operation

Description

Cust Item ID:

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date: Date: Run

Start

Stop

Stop



QC:

Date:__

SPC (Y/N):

Tool ID

Tool # Plan

Code

Accept

Qty

Reject Qty

Reject Insp. Number Stamp

Sequence ID/ Work Center ID

150

QC21- Final Inspection - Work Order Release

Memo

Set Up/ **Run Hours**

0.00

0.00

10.10.20.

Quality Control

W (2.10.20

Picklist Print

October 18, 2010 8:06:36 AM

Work Order ID: 63014

Parent Item: D4108-7

Parent Item Name: Bracket



Start Date: 19/10/2010

Required Date: 20/10/2010

Page 1

Start Qty: 2.00

Required Qty: 2.00

Comments:

IPP REV:A NEW ISSUE 10-10-15 JLM VERIFIED BY:DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
- M304B2.000X03.000 		Purchased	No				f	8.0000	0.2	0.421053	10/10/	20_	

Location Loc Qty Loc Code MAT +15894 115047

M3032x1.750'

DART AEROSPACE LTD	Work Order: 63014	
Description: Kacket	Part Number: DHI08-7	
Inspection Dwg: \(\sum \mu \ \lambda \ \lambda \ \lambda \ \rangle \ \r	Page 1	of 1

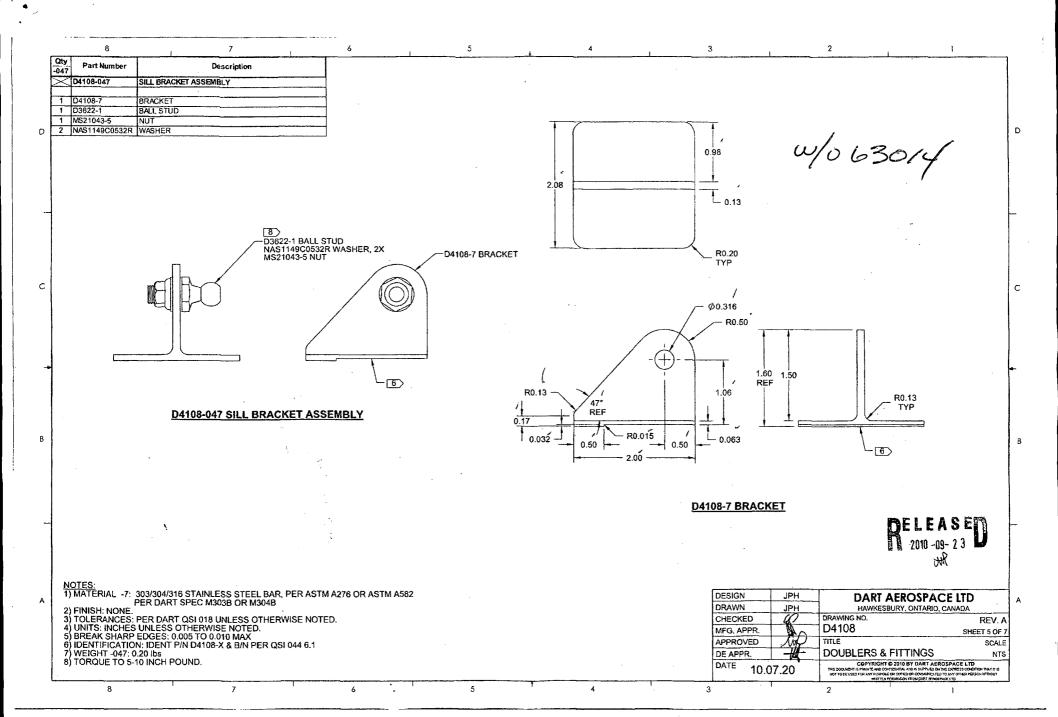
FIRST ARTICLE INSPECTION CHECKLIST

X First Article Prototype

Drawing	Tolerance	Actual	Accept	Reject	Method of	Comments
Dimension		Dimension			Inspection	
2.08	030	2,100			VPINJL-3	
1.13	030	128			1.	
. 98	± -030	1.978			H-G	•
17	+.036	-190			11857 SL-3	
. 032	+.010	-031				
.50	17-020	-505	/		~.	
2.00	7.030	1-998	/		٤	•
F.015	1010	.015	/			
-500	1- BNB-036	.500	/		٠.	•
.063	$T_{-} \cap I \cap I$	-065	/		•-	
1.06	1-030	11.059	/		n	
6.50	1-030	.500			R-G	
0.316	+.005 061	.317	/		Vein JL3	
1.13	± .030	-130	1		R-Gt	
470	1± .5°	H70			protractor	
1-60	± -030	1.597			Vein JL3	
1.50	= .030	1.503	/		H 4	
1.130	+.030	125			R-G	

Measured by:	Audited by	: A A	Prototype Approval:	N/A
Date: 10/10/19	Date	: 10/10/20	Date:	N/A

Rev	Date	Change	Revised by	Approved
Α		New Issue	KJ/JLM	



	•				Ť	•
	1 /	Rece	iving Rep	ort	Ĺ	
[Date: 146/28	·	.; Bato	ch No: M	115347	
S	Supplier: MG GV	9_		: P/O: /J	115247 180	
Packing Slip: Invoice: Receipt:	Yes No Cash Cr	v	Release Note , Vaybill Attach hipment Com C6 Inspection	Attached: Y ed: Y plete:	es No	N/A
_Discrepancies	.	V	Vork Order		John	N/A
Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments
						1
	•	Initials	of receiver (if shipment (OK) Level 1	2 / 1 /
Production/Adi Date Received/Cost Initial	10/6/28			omplient	Locatio	
H:\FORMS\Purcha	sing\approved purch\RECRi	EPORT Rev D		<u>, , , , , , , , , , , , , , , , , , , </u>		**

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All amounts are calculated in domestic currency.

June 28, 2010 7:33:57 AM

All Vendors PO ID PO12080 Receipt Dates from 6/28/2010 to 6/28/2010 All Line Item Types

All Item ID/GL/WOs All Rec. Employees All Currencies

Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
VendorID\Ven	idor Nam	e VC-N	MAG002 Magna	Stainless							
PO12080	1		M303B0.750X1.500	f	6/23/2010	6/28/2010	24.0000	\$32.50	0.0000	. 0	\$780.00
CAD	No		303 BAR .750" X 1.500" 115047	f	24.0000	DCUSER		\$780.00	0.0000	0	•
ŧ	2		M303B2.000X1.750	f	6/23/2010	6/28/2010	24.0000	\$82.50	0.0000	0	\$1,980.00
i	No		303 BAR 2" X 1.750 115047	" f	24.0000	DCUSER		\$1,980.00	0.0000	0	
									Total Received (Quantity:	48.0000
			1					Total	l Qty to Inspect (P	O U/M):	0.0000
								•	Total Reject (Quantity:	0.0000
									Total Receip	ot Value:	\$2,760.00
			i					To	otal Balance Due (Quantity:	0.0000

C-----

~ · · · ·



Magna Stainless

5775 Kieran St, Saint-Laurent, Quebec H4S 0A3
Phone: (514) 339-1211 Watts: 1-800-363-6646 Fax: (514) 339-1105

PACKING LIST

Page 1 of 1

I028998

DART AEROSPACE LTD 1270 ABERDEEN STREET HAWKESBURY, ON K6A 1K7 SHIP TO: DART AEROSPACE LTD 1270 ABERDEEN STREET HAWKESBURY, ON K6A 1K7

MAGNA QC2 MTR: Y

I028998

SPECIAL INSTRUCTIONS

****INCOMING***

Contact: CHANTAL LAVOIE

Received by:

Ship Terms: PREPAID

Currency Sales Person Customer Phone Customer Fax Customer PO
CANADIAN DOLLARS MAGNA SALES (613) 632-5200 (613) 632-1053 12080

 Sales Order
 Terms
 Ship Via
 Date Ordered
 Date Required
 Date Shipped

 W031422
 NET 30 DAYS
 NIR:R-557065-1
 06/16/10
 06/28/10
 06/28/10

Ordered	Back Ordered	Unit	Description	Bundle #	Heat #	Shipped
2 2		PC	303 FLAT 1 3/4" X 2" X 12' LG	L040386 L040387	E212478	2 2 2 2
			Portula			ē.
			· · · · · · · · · · · · · · · · · · ·	<u></u>		
W031470 Bundles: 1				Approx	Weight:	380 LB

Signature:

Date:____

MONTANSTAHL special profiles in steel.

+41 (01) 64 16-800 +41-91:6416-804 mfot@montaristabl.com 30.4

mill test certificate

Flat - ACD 0.75 x 1.5 Inch 11-13'

Customer specs

Size mangards PT 111

303

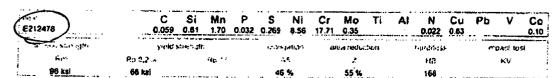
ASTM A582/A582M

Consignment Stock #3 (29886, 29560)

accoution ACD

EAFIAOD

807301-807309



- We hereby confirm that the material certified in this document is conform to enclosed data sheet
- Material is produced in compliance with ROHS (2002/95/EC)
- Material free from Mercury and radioactive contamination
- Country of melt: Spain
- Country of manufacturing origin: Switzerland

20.10.2009

Inc 06-22-10

S00616PR047-1 MAGNA STAINLESS PO: P010523 Part 4:

2.00PC

94.00LB



DATA SHEET FOR ACD STAINLESS STEEL FLAT BARS IN GRADES 303, 304 / 304L AND 316 / 316L

	Alan Kila manantana sa	Rev.	Grade							
App	Applicable standards		- AISI - 303 [¶] UNS - 830700	AISI — 304/304L Uns — 330400	ALSI - 316/3161. UNG - 831600					
i	A320/A320M	2003	X	UNS-530406	DNS-531603					
1	A484/A484M	2003a	X		}					
ASTM	A582/A582M	1995Ъ	X	`						
- 10 1 11	A276	2004			-					
l	A370-03a	2003	X		\$					
	A479/A479M	2004		^						
	3640U (type 1)	2007	y 1							
	2241N	2003	\times							
•	5653F	2002								
	5648K	2002								
amb	S 7720 A	1997			<u>X</u>					
	5639H (type 1)	2002			X					
	5647H	2002								
	22483	1993								
	QQ 8 763A	2003			X					
SMB	SA479 + 82.1	1998			<u> </u>					

Chemical values

C-1	1 - 11	200		·~		<u> </u>						
Lifade	I C. c.	181.0	Max	I. NI	Cr	Mo	6(0)	1 500	30 (1)	Culo		- 75
303	015	1	2(1)	8-10	1 10 10	- 2 AN		· ·		CON	Com	Zr(0
	120.00	}		1 0-10	17-19	0,600	0.3514	10.15	0.1	0.75	0.1	0.60
304/304L	10.03	I 0.75 I	2(1)	8-10,5	18-20	0.4(1)	0.02	22.		27.0	- ***	2,00
				10.00	10-20	٠,٠	0,03	0,04	0,1	0,50	0.1	
316/316L	0,03	10,75	I-2	10-14	16-18	2-3	0,03	0,04	0.1	0.75	~ ,	
(1) Maximum	Miller						0,03	U,U4	y, L	U,/3	ַ ניט	{

O Por thicknesses ≤0.25": S_{min} = 0,20 Mechanical values (4) (6)

Grade	Thickness	TS ^(X)	Ye ^(A) [KSI]	PL (%)	RA (3) [%]	HB _{th}
303	Up to 0.5*	75	30	30	40	140-241
	Over 0.5"	75	30	35	50	223
304/304L	Up to 0.5"	90	45	30	40	
3042	Over 0.5"	75	30	40		140-223
16/316L	Up to 0.5"	.90	45	30	50	140-223
10/3101	Over 0.5*	75	30	30	40 40	140-223

Maximum values; hardness is measured in centerline of width after removal of specific surface layer (see ASTM A320)

(4) Cold drawn flat bars are not intentionally strain hardened but drawn to specific dimensional tolerances.
(4) Cold drawn flat bors have a higher magnetic permeability than HRAP flat bars.

Solution annealed at 1050°C and water quenched

- Intergranular corrosion test according to ASTM A262 practices A, C & B (where applicable)
- Micro and macro structure: OK
- Grain size per ASTM E112: 5-7
- No welding or weld repairs
- Material free of contamination from mercury or metals liquid at ambient temperature

00 2	1/01/2008	SPECIFICA DI VENDITA	cadocuments and satings/unclass.cal/Notocel settings/temporary in amo filestati 128wen_platt traffest inox - use_pri 1 l.doc
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Inc 06-22-10

Via Gerrette 4 CH - 6855 Stablo Tel.: ++41-91-6416800 Fax:++41-91-6473718 email: info@montanstahl.com 003095

MONTANSYAHL AG, Via Gerretta 4, CH-6855 Stable Werksabnahmezertifikat / mill test certificate certificat d'essais / certificato di collaudo Produkt / product / produkt / prodottl First - ACD 1.78 x 2 Inch 11-13' Workesbnahmezorlikist nach:
mit test cartificale scoording to: Customer specs
cordical disease seton:
cartificate of collando secondo: Auferiga-Air, order no. commende nº nº ordine PT 111 Newsparish / net weight / poids net / pero netto Cibie / grade / nusince / qualité Austitioning / execution / etst de évraison / esecution ACD ASTN ASBUASSOM Bunda / bundas / tardsays (\$1960 776523, 776525, 776527 EAF/AOD Sattraite hast / coulée / colata £208306 C SI Min P S Ní 0.070 0.68 1.73 0.028 0.263 8.63 S NI saistance traci limite di trazio Härte Rm Rp 0,2% Rp 1% A5 z: 65 kg HB KV 48 % 57 %

- We hereby confirm that the material certified in this document is conform to enclosed data

- Material is produced in compliance with ROHS (2002/95/EC) - Country of melt: Germany

- Country of manufacturing origin: Switzerland



Herstellerzeichen Trade Mark — Signe du Producteur Logo del produttore



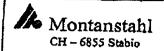
Date Date Date

15,09,2008

Der Werkrauchverständige The Works' inspector
L'Agent Réceptionhaire de l'Usine
il certificatore

1. Lupevi

Inc 06-22-10



PT111

DATA SHEET FOR ACD STAINLESS STEEL FLAT BARS IN GRADES 303, 304/304L AND 316/316L

l		Rev.	Grade					
App	Applicable standards		\$20¢ - IZIA 000062 - 2nu	AISI — 904/304L UN6 — 930400 UN8 — 530400	AISI - 316/316L			
	A320/A320M	2003	Х	0149 = 330000	UN S-531603			
	A484/A484M	2003a	X	X	 			
ASTM	A582/A582M	1995b	X		 			
10111	A276	2004		X	 			
	A370-03a	2003	X	X	x			
	A479/A479M	2004		X				
	5640U (type 1)	2007	X					
	2241N	2003	X					
	5653F	2002						
	5648K	2002						
ams	\$ 7720 A	1997						
	5639H (type 1)	2002						
	5647H	2002		x	····			
•	2248E	1993	-					
	QQ 8 763A	2003			X			
ISME	SA479 + S2.1	1998						

Chemical values

Grade	CO	SIM	Ma	Ni	Cr	Mo	60)	DW	W (9	(A)	Cow	7.41)
303	0,15	1	2(1)	8-10	17-19	0.6(1)	0,35	015	0.1	0.75	<u> </u>	0.60
304/304L	0,03	0,75	2(1)	8-10,5	18-20	0.5(1)	0,03	0.04	61	0,50	 	0,00
316/316L	0,03	0.75	1-2	10-14				0,04			0,1	

Maximum values

Grade	Thickness	TS ⁽¹⁾ [KSI]	(KSI)	EL (%)	RA (3) [%]	HB ⁽¹⁾
303	Up to 0.5"	75	30	30	40	140-241
	Over 0.5"	75	30	35	50	223
304/304L	Up to 0.5"	90	45	30	40	140-223
	Over 0.5°	75	30	40	50	140-223
316/316L	Up to 0.5"	90	45	30	40	140-223
	Over 0.5"	75	30	30	40	140-223

Maximum values; hardness is measured in centerline of width after removal of specific surface layer (see ASTM A320)

(2) Minimum values

- Intergranular corrosion test according to ASTM A262 practices A, C & E (where applicable)
- Micro and macro structure: OK
- Grain size per ASTM E112: 5-7
- No welding or weld repairs
- Material free of contamination from mercury or metals liquid at ambient temperature

21/01/2006 SPECIFICA DI VENDITA

c'idocuments and sattings/mailses earling/legel sattings/tempor pay internet files/pair 1 20/100 platting internet pay 111.doc

^(A) For thicknesses ≤0.25": S_{min} = 0,20 Mechanical values ^(A) (B)

⁽a) Cold drawn flat bers are not intendonally strain hardened but drawn to specific dimensional tolerances.

(b) Cold drawn flat bers have a higher magnetic permeability than HRAP flat bars.

Solution annealed at 1050°C and water quenched



Dart Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, ON K6A 1K7

Tel: 613 632 9577 Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO12080

Purchase Order Date 6/14/10 PO Print Date 6/14/10

Page Number 1 of 1

Order From:

VC-MAG002

MAGNA STAINLESS 5775 RUE KIERAN ST LAURENT, QC H4S 0A3

Contact Name

Vendor Phone

800 363 6646

Vendor Fax

514 339 1105

Vendor Account Nbr

Buyer

Requisition Nbr

Tax Resale Nbr

Terms Currency

FOB

Chantal Lavoie

10127-2607

Net 30

CAD

Ship To:

DART AEROSPACE LTD

1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CANADA



Line	Nbr Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable Un	Req Qty/ Ship Method it of Measure	Unit Price	Extended Price
1	M303B0.750X1.500	303 BAR .750" X 1.500"	6/23/10 Yes	24.00 Yours ppd f	\$32.5000	\$780.00
		Special Inst:	ASTM A582	303 SS BAR AS PER		
2	M303B2.000X1.750	303 BAR 2" X 1.750"	6/23/10 Yes	24.00 Yours ppd f	\$82.5000	\$1,980.00

Special Inst:

AS ABOVE

Luk PO Total:

_\$2,760.00

MATERIAL CERTIFICATION
REQ'D UPON DELIVERY

W

CJ

No substitution or deviation without consent

Certificate of Conformity or Material Certification required when applicable

Change Nbr:

Change Date:

6/14/10